

**FH**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # APA425**

## Specification

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### FH - Product Information

Application	IHC
Primary Accession	<a href="#">P07954</a>
Host	Mouse
Clonality	Monoclonal
Calculated MW	54637 Da

### FH - Additional Information

Gene ID	2271
Gene Name	FH {ECO:0000303 PubMed:27037871, ECO:0000312 HGNC:HGNC:3700}

#### Other Names

Fumarate hydratase, mitochondrial, Fumarase {ECO:0000303|PubMed:27037871, ECO:0000303|PubMed:3828494, ECO:0000303|Ref.2}, HsFH, 4.2.1.2, FH {ECO:0000303|PubMed:27037871, ECO:0000312|HGNC:HGNC:3700}

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FH is for research use only and not for use in diagnostic or therapeutic procedures.

### FH - Protein Information

**Name** FH {ECO:0000303|PubMed:27037871, ECO:0000312|HGNC:HGNC:3700}

Function	Catalyzes the reversible stereospecific interconversion of fumarate to L-malate (PubMed: <a href="#">30761759</a> ). Experiments in other species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable).
Cellular Location	[Isoform Mitochondrial]: Mitochondrion
Tissue Location	Expressed in red blood cells; underexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology.

### FH - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**FH - Images**